

Application No. 10/699,358
Response dated: August 30, 2004
Reply to Office Action of May 4, 2004

Listing of Claims:

Claim 1 (original) A system for providing a blood component product, comprising:

a blood component collection device;

a blood component yield predictor associated with said blood component collection device; and

means for calibrating said blood component yield predictor to a blood component yield counter, said blood component yield counter providing blood component yield determination capabilities, wherein a predicted yield value, generated by said blood component yield predictor from a blood component collection procedure in which a blood component collection is provided by said blood component collection device, is adjusted to an adjusted predicted yield value, and wherein a blood component yield associated with said blood component collection to define a blood component product is based on said adjusted predicted yield value.

Claim 2 (original) A system, as claimed in Claim 1, wherein said blood component collection device comprises a centrifuge.

Claim 3 (original) A system, as claimed in Claim 1, wherein said blood component yield predictor comprises a processor, a primary yield prediction algorithm which generates said adjusted predicted yield value, and a plurality of ancillary yield prediction algorithms which provide information used by said primary yield prediction algorithm.